Model: RKE9

1-way & 2-way LED Remote Start Kits

Rev.: 20101109

Owner's Guide

The RKE9 kit offers a complete remote start solution including a 1-way transmitter, a 2-way LED transmitter/receiver and an all-in-one mobile integration module.

Important!
This product is NOT compatible with vehicles equipped with a manual transmission.

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WARNING

1. It is the responsibility of the vehicle operator to ensure their vehicle is parked in a safe and responsible manner. When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in "Park" in order to avoid accidents upon remote starting.
   (**Note:** Make sure that the automatic vehicle cannot start in "Drive".)
2. It is the user's responsibility to ensure that the remote starter is disabled before servicing.

CHRYSLER DODGE Jeep

Update Alert
Firmware updates are posted to the web on a regular basis. It is important that you check for firmware and/or install guide updates prior to installing this product.

TECHNICAL SUPPORT / INFORMATION

web resources:
www.xpresskit.com
www.directechs.com

The Mobile Integration Systems

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Government Regulations

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with the Industry Canada Radio Standards Specification RSS 210. Its use is authorized only on a no-interference, no-protection basis; in other words, this device must not be used if it is determined that it causes harmful interferences to services authorized by IC. In addition, the user of this device must accept any radio interface that may be received, even if this interference could affect the operation of the device.

Warning! Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Taking Inventory of the RKE9 Kit

The RKE9 kit is a complete remote start solution with up to 3,000' of range*, which includes a 1-way transmitter or a 2-way LED transmitter/receiver, and an all-in-one mobile integration module.

* Range based on line of sight, unobstructed testing in ideal conditions. Actual range will vary due to local conditions including but not limited to environment, terrain, physical obstructions, vehicle location and orientation, interference and other possible impediments.

1-way remote start kit

- 1x FM-TW-130 Antenna.
- 2x TF01-1501BK 1-way Transmitter.
- 1x A001-SH001-C Harness (HW-C4) Interconnect Cable SH/SR (4-pin)..
- 1x XL202-HDR Keelog and XRT RF to DATA interface.
- 1x XK09-C Multi CAN door lock and override module.
- 1x CHTH1-C T-Harness (CAN Type).

2-way LED remote start kit

- 1x FM-TW-130 Antenna.
- 1x TF01-1501BK 1-way Transmitter.
- 2x TF04-A3503BK 2-way Tranmistter/Receiver.
- 1x A001-SH001-C Harness (HW-C4) Interconnect Cable SH/SR (4-pin)..
- 1x XL202-HDR Keelog and XRT RF to DATA interface.
- 1x XK09-C Multi CAN door lock and override module.
- 1x CHTH1-C T-Harness (CAN Type).

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Introduction

This is a state-of-the-art remote car starter system. The system is packed with advanced features such as priority access to the driver's door (commodity features), and SmartStart™.

SmartStart™ is a groundbreaking technology that enables your remote starter features to be accessed by your smartphone. Features include keyless entry, trunk release, panic, and remote start/stop toggle. Note that SmartStart™ must be professionally installed. For more information, see your nearest authorised Directed Canada dealer.

Using the Remote Control

Your remote starter is equipped with a 5-button multi-channel remote control. It can operate two independent vehicles equipped with a remote starter. The functions of the transmitter are as follows:

2-way Transmitter/Receiver

	LOCK: Locks the DOORS.
	UNLOCK: Unlocks the DOORS. Activates the AUX 2 output if Priority Door Access is configured.
	TRUNK: Opens the TRUNK or activates the AUX 3 output.
	START/STOP: Remote start or stop.
AS	**SHIFT:** This button serves as a second function button. In combination with the other four buttons, this button allows to assign different functions to those buttons.

1-Way Transmitter

	LOCK: Locks the DOORS.
	UNLOCK: Unlocks the DOORS. Activates the AUX 2 output if Priority Door Access is configured.
	TRUNK: Opens the TRUNK or activates the AUX 3 output.
	START/STOP: Remote start or stop.
AS or AUX	**SHIFT:** This button serves as a second function button. In combination with the other four buttons, this button allows to assign different functions to those buttons.

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Vehicle Presets

Heater

When leaving the vehicle it is recommended to preset the accessory controls in preparation for the next remote start. Settings for the blower motor (fan), front and rear, should not be left on HIGH. It is recommended to leave the settings on LOW or MEDIUM instead.

Windshield Wipers & Radio & Headlights

Certain vehicles require the radio and / or windshield wiper and / or headlight circuits to become energized while running under remote start. When leaving the vehicle you must ensure that the windshield wiper and headlight switches are OFF. Leaving the headlight switch ON on certain types of vehicles could cause them to remain ON even after remote starter shut down, resulting in a dead battery.

Remote Starting Your Vehicle

1. Press the ⚡ button for approximately 1 second and release.
2. The remote will beep once.
3. The remote will confirm the remote starter's activation by beeping 3 times.

Driving Off

With the vehicle running under remote control, press the UNLOCK button to disarm and unlock the doors. Enter the vehicle and do the following:

- Turn the ignition key to the IGNITION ON (RUN) position. (Do not turn the key to the CRANK position while the engine is running. This would cause the starter motor to re-engage.)
- Press the brake pedal to disengage the remote starter unit.

You are now ready to drive off.

Remote Starter Features

Remote Door Locks

If your Remote Car Starter was installed with the Remote Door Locks option, you will have the convenience of remote keyless entry.

To UNLOCK your doors and DISARM the system:

1. Press and hold the UNLOCK button for approx. 1 sec.
2. The remote will beep twice to confirm unlocking of the doors.

To LOCK your doors and ARM the system:

1. Press and hold the LOCK button for approx. 1 sec.
2. The remote will beep once to confirm locking of the doors.

Remote Trunk Release

If your system was installed with the Remote Trunk Release option, you can open your trunk by pressing the button until the remote beep once..

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Idle Mode

Convenience feature: Idle Mode allows you to keep the engine running and the doors locked while you stop, for example, at a convenience store or for a short delivery

This feature allows you to let the remote starter take over control of the vehicle (i.e. no Key in the Ignition Switch) while the engine is running.

To set the system to Idle Mode:

a) With the engine running, make sure to release the brake pedal and press the LOCK, UNLOCK or button on the transmitter until the parking lights come ON.
b) Remove the ignition key from the ignition switch.
The engine will continue running.
c) Exit the vehicle and close all doors, hood and trunk.
d) Press the UNLOCK button to lock the doors.

Note1: The engine will continue running until the user re-enters the vehicle or until the expiration of the engine run time.

Caution! Do not leave children or pets unattended in a vehicle standing in Idle Mode.

Panic Mode

Note: Panic mode can only be activated if the horn has been adequately configured by the installer.

In an emergency situation, you can activate panic mode by pressing and holding the LOCK button until the horn starts honking. If the vehicle is under a remote start, the engine will shutdown automatically before setting off the horn. You can stop the horn by pressing:

(this will unlock your doors and deactivate panic mode).

* Panic Mode will automatically shut down after 30 sec.

Quick Lockout™

(Also called **Secure Panic**.) For fast protection in emergency situations, the system will **LOCK** all doors when you press the brake pedal while you hear the sound signal. (**Quick Lockout** is only available when panic mode has been triggered.)

Feature Confirmation Chart

Feature	LOCK	UNLOCK	TRUNK	START/STOP	Beep(s)
Lock	3 flashes	X	X	X	1
Unlock	X	3 flashes	X	X	2
Trunk	X	X	3 flashes	X	1
LED ON/OFF	3 flashes	3 flashes	X	X	1
Start	X	X	X	3 flashes	1
Running	X	X	X	3 flashes	3
Stop	X	X	X	3 flashes	2

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Advanced Features: Installation Programmable Options

The remote car starter was designed with flexibility in mind. With its program¬mable options, this unit can single-handedly control nearly any electrical system in your vehicle.

Caution: The programming of your system should be left to a professional. Changing any one of the settings may affect the operation of your Remote Car Starter.

Turbo Mode

If Turbo Mode is configured at installation, it will allow a turbocharger to idle down after the user leaves the vehicle: the unit will take over the vehicle and keep it running for 60 seconds (or until it is shut down by remote control), then shut down the engine.

To set the system to Turbo Mode:

1. With the engine running, make sure to release the brake pedal and press the LOCK, UNLOCK or ⚡ button on the transmitter until the parking lights come ON.
2. Remove the ignition key from the ignition switch. The engine will continue running.
3. Exit the vehicle and close all doors, hood and trunk.
4. Press the button; this will lock the doors, and confirm that the vehicle is in Turbo Mode.
5. The engine will shut down after 60 seconds.

AUX 1

Controls the driver sliding door.

Press the AS and LOCK buttons once to open the driver sliding door, and a second time to close it.

AUX 2

Controls the passenger sliding door.

Press the AS and UNLOCK buttons once to open the passenger sliding door, and a second time to close it.

Vehicle Status Request

The status request feature allows the user to see the status of the vehicle - i.e.: if the doors are locked or unlocked or how much time is left in the run time cycle. The following charts (Tables 1, 2 and 3) indicate the confirmation sequences.

To retrieve the vehicle status:

Press and release the AS button then press and release the button (there will be a beep). The transmitter will then flash the corresponding sequence of LEDs depending on the vehicle's status.

- If the engine is NOT running
- If the engine IS running under a remote start (if the doors are locked) or (if the doors are unlocked).

The status request feature is retrieved by a sequence of flashes, which denote if the vehicle's doors are locked or unlocked.

Status Request When the Engine IS NOT Running

STATUS	SEQUENCE	LOCK	UNLOCK	TRUNK	START/STOP	Beep(s)
Lock		3 flashes	X	X	X	1
Unlock		X	3 flashes	X	X	2

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Status Request When the Engine is Running

When the vehicle doors are locked:
The LED # 1 will flash 3 times to denote that the vehicle's doors are locked.

When the vehicle doors are unlocked:
The LED # 2 will flash 3 times to denote that the vehicle's doors are unlocked.

RUN TIME	Beep(s)	LED #1	LED #2	LED #3	LED #4
If there is more than 3/4 of run time cycle	3	**ON for 1-sec**	**ON for 1-sec**	**ON for 1-sec**	**ON for 1-sec**
If there is more than half of run time cycle	3	**ON for 1-sec**	**ON for 1-sec**	**ON for 1-sec**	X
If there is more than 1/4 of run time cycle	3	**ON for 1-sec**	**ON for 1-sec**	X	X
If there is less than 1/4 of run time cycle	3	**ON for 1-sec**	X	X	X

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Limited One-year Consumer Warranty

For a period of ONE YEAR from the date of purchase of a Directed Electronics remote start or security product, Directed Electronics. (“DIRECTED”) promises to the original purchaser, to repair or replace with a comparable reconditioned piece, the security or remote start accessory piece (hereinafter the “Part”), which proves to be defective in workmanship or material under normal use, provided the following conditions are met: the Part was purchased from an authorized DIRECTED dealer; and the Part is returned to DIRECTED, postage prepaid, along with a clear, legible copy of the receipt or bill of sale bearing the following information: consumer’s name, address, telephone number, the authorized licensed dealer’s name and complete product and Part description.

This warranty is nontransferable and is automatically void if the Part has been modified or used in a manner contrary to its intended purpose or the Part has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defect in materials or construction.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NON INFRINGEMENT OF INTELLECTUAL PROPERTY, ARE EXPRESSLY EXCLUDED; AND DIRECTED NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. DIRECTED HEREBY DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING DEALERS OR INSTALLERS. IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING DIRECTED OR ITS SUBSIDIARY, THE PROPER VENUE SHALL BE SAN DIEGO COUNTY IN THE STATE OF CALIFORNIA. CALIFORNIA STATE LAWS AND APPLICABLE FEDERAL LAWS SHALL APPLY AND GOVERN THE DISPUTE. THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST DIRECTED SHALL BE STRICTLY LIMITED TO THE AUTHORIZED DIRECTED DEALER’S PURCHASE PRICE OF THE PART. DIRECTED SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, THE MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR AT DIRECTED’S OPTION THE PART AS DESCRIBED ABOVE.

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This Interface kit / Data Bus Interface part has been tested on the listed vehicles. Other vehicles will be added to the select vehicle list upon completion of compatibility testing. Visit website for latest vehicle application guide. DISCLAIMER: Under no circumstances shall the manufacturer or the distributors of the bypass kit / data bus interface part(s) be held liable for any consequential damages sustained in connection with the part(s) installation. The manufacturer and it’s distributors will not, nor will they authorize any representative or any other individual to assume obligation or liability in relation to the interface kit / data bus interface part(s) other than its replacement. N.B.:Under no circumstances shall the manufacturer and distributors of this product be liable for consequential damages sustained in connection with this product and neither assumes nor authorizes any representative or other person to assume for it any obligation or liability other than the replacement of this product only.

PROTECTED BY U.S. PATENTS: 5,719,551; 6,011,460 B1 *;6,243,004 B1; 6,249,216 B1; 6,275,147 B1; 6,297,731 B1; 6,346,876 B1; 6,392,534 B1; 6,529,124 B2; 6,696,927 B2; 6,756,885 B1; 6,756,886 B2; 6,771,167 B1; 6,812,829 B1; 6,924,750 B1; 7,010,402 B1; 7,015,830 B1; 7,031,826 B1; 7,046,126 B1; 7,061,137 B1; 7,068,153 B1; 7,205,679 B1; **CDN. PATENT:** 2,320,248; 2,414,991; 2,415,011; 2,415,023; 2,415,027; 2,415,038; 2,415,041; 2,420,947; 2,426,670; 2,454,089 **EUROPEAN PATENT:**1,053,128 **PAT. PENDING:** 2,291,306; **MADE IN CANADA**

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